



UNITED STATES
DEPARTMENT OF TRANSPORTATION

Aftermarket Safety Device Specification Overview

Bidder's Conference
February 22, 2011

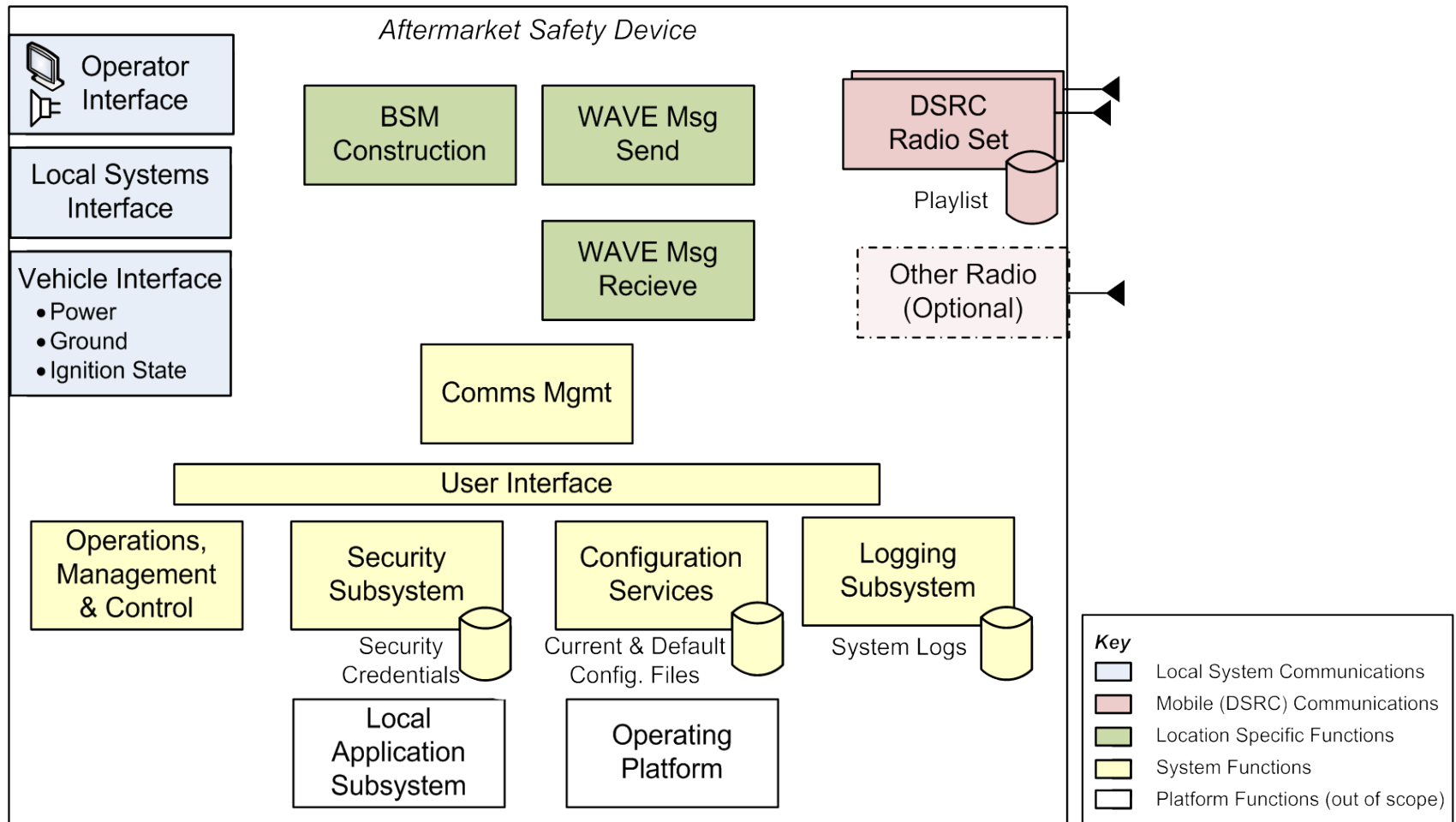
Walton Fehr
USDOT/RITA/ITS Joint Program Office

Agenda

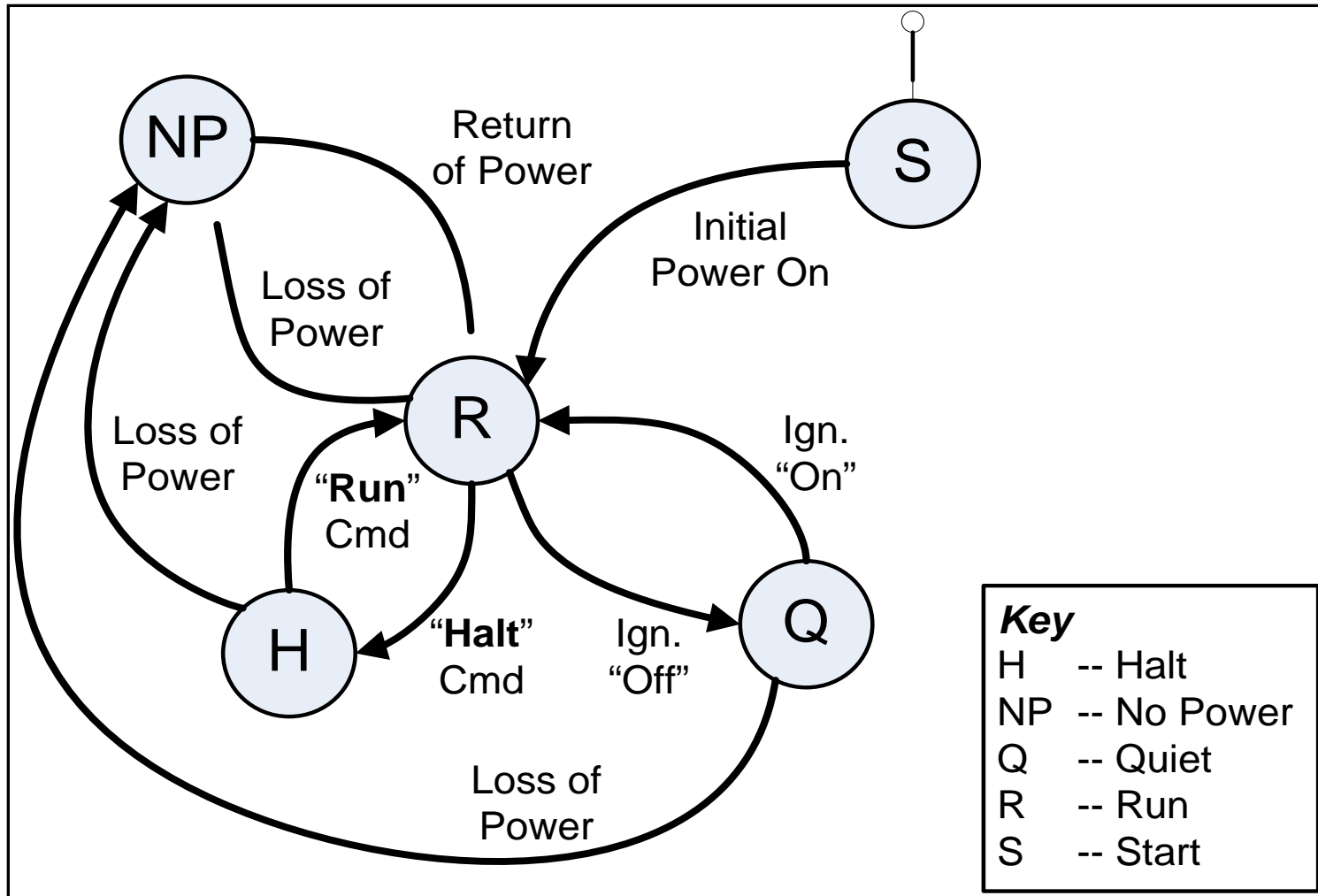
- New items included in this solicitation
 - Two radios
 - Standard vehicle interface
- Requirements
 - Appendix C – System Requirement Description “5.9GHz DSRC Aftermarket Safety” Device Specification (Preliminary)
- Specification Updates



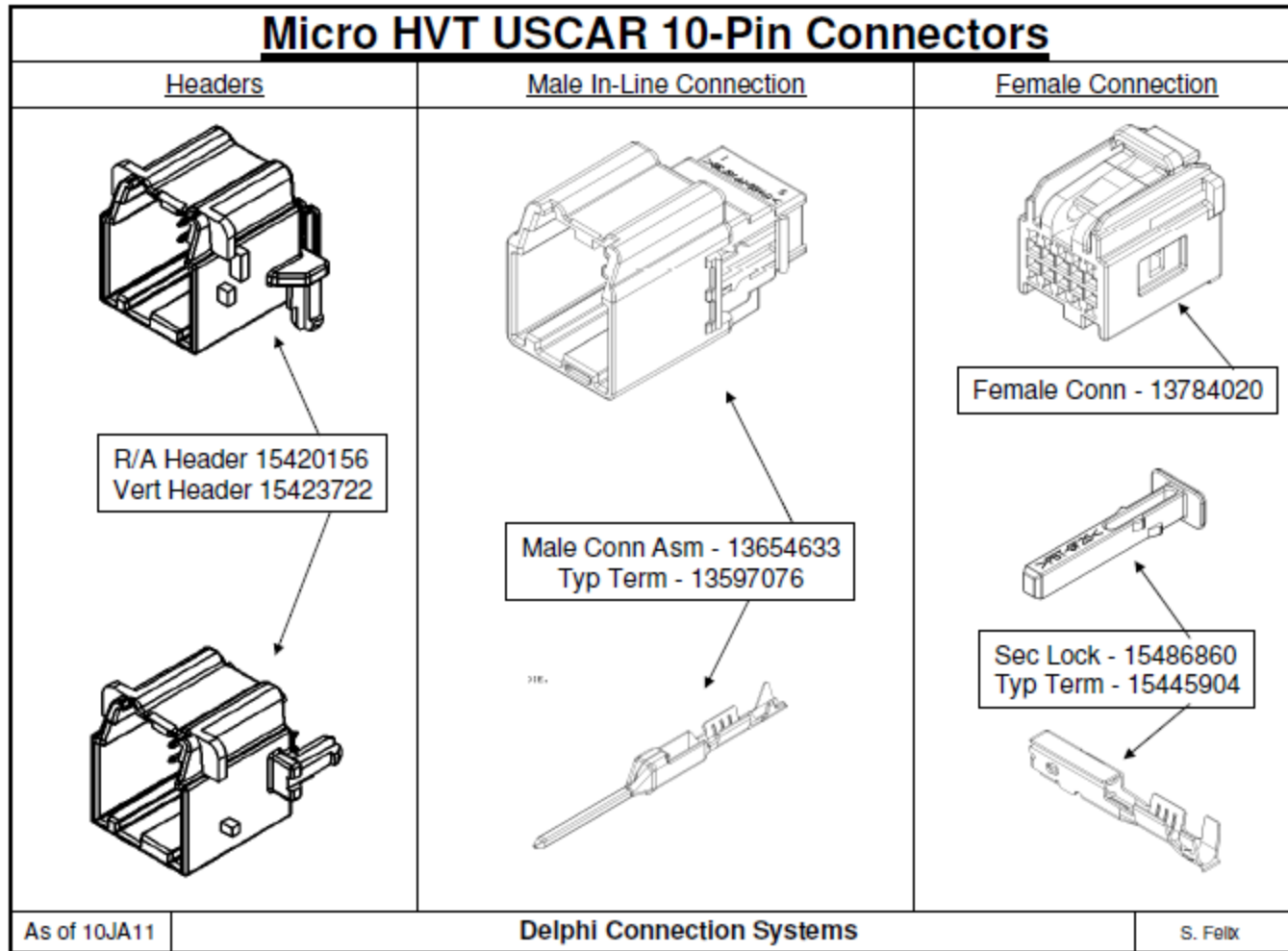
Block Diagram



Operating Modes



Vehicle Interface



Ref: SRD-USDOTASD-001-ReqINT004v001 Vehicle Power Connection, Page 21

Requirements

- System
 - 4.1 Mechanical Pages 11 – 13
 - 4.2 Performance Pages 13 – 15
 - 4.3 Environmental Pages 15 – 19
- Functional
 - 5.1 Interface Pages 20 – 22
 - 5.2 Operations, Management, and Control Pages 22 – 47
 - 5.3 DSRC Radio Subsystem Pages 47 – 74
 - 5.4 Other Communication Pages 74 – 75
 - 5.5 Message Processing Pages 75 – 84
- Test
 - Radio Transmission Pages 85 – 86
 - Vehicle Location Pages 86 – 89